

PHOTOGRAPHIC INTERPRETATION REPORT

I P I R
GOLDEN TREE MISSION 3867
19 MARCH 1964

Declass Review by
NIMA/DOD

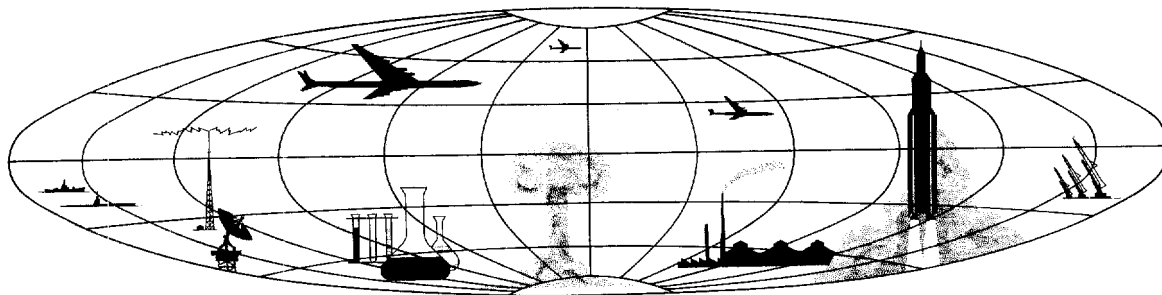


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W A R N I N G

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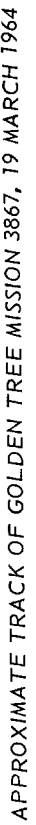
PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GOLDEN TREE MISSION 3867, DATED 19 MAR 1964. THE NUMBER APPEARING AT THE END OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUDS), HC (HEAVY CLOUDS), H (HAZE), CS (CLOUD SHADOW), SD (SEMIDARKNESS), O (OBLIQUITY), PQ (POOR IMAGE QUALITY).

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MISSILES

CIENFUEGOS SAM SITE 2202N 08024W



25X1

SIX UNREVIEWED LAUNCHERS (2 WITH MISSILES), ONE CANVAS-COVERED MISSILE TRANSPORTER, ONE NET-COVERED HOLD AREA, ONE VAN TRUCK, ONE TRUCK-MOUNTED CRANE, 3 OTHER VEHICLES, AND A GUIDANCE AREA WITH RADAR AND CANVAS-COVERED EQUIPMENT OBSERVED. POOR IMAGE QUALITY LIMITS INTERPRETATION.



CAIBARIEN SAM SITE 2228N 07929W



25X1

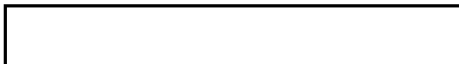
SIX UNREVIEWED LAUNCHERS (ONE WITH MISSILE AND 4 CANVAS-COVERED), 2 CANVAS-COVERED MISSILE TRANSPORTERS (ONE ADJACENT TO A LAUNCHER), ONE CANVAS-COVERED HOLD AREA, ONE CARGO TRUCK, ONE OTHER VEHICLE, 2 VAN TRAILERS, AND A GUIDANCE AREA WITH RADAR AND CANVAS-COVERED EQUIPMENT OBSERVED. NO APPARENT CHANGE IN FACILITIES.



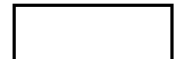
SANTIAGO DE CUBA SAM SITE 1959N 07550W



AT LEAST 5 UNREVIEWED LAUNCHERS, AT LEAST 4 CANVAS-COVERED MISSILE TRANSPORTERS, ONE TRUCK-MOUNTED CRANE, 3 VAN TRAILERS, 3 UNIDENTIFIED VEHICLES OR PIECES OF EQUIPMENT UNDER CANVAS, AND A GUIDANCE AREA WITH RADAR AND SHED-COVERED EQUIPMENT OBSERVED. TWO ADDITIONAL LAUNCHERS, A FAN SONG RADAR, 6 VAN TRUCKS, AND 2 VAN TRAILERS OBSERVED IN SUPPORT AREA.



SANTIAGO DE CUBA SAM ASSEMBLY AREA 2003N 07553W



AT LEAST 15 CANVAS-COVERED MISSILE TRANSPORTERS, 9 CANVAS-COVERED POSSIBLE PRIME MOVERS, AT LEAST 40 OTHER VEHICLES, AND NUMEROUS MISSILE CANISTERS OBSERVED. NO APPARENT CHANGE IN FACILITIES.

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25X1



VICTORIA DE LAS TUNAS SAM ASSEMBLY AREA 2104N 07700W

NO APPARENT CHANGE IN CLOUD-FREE AREAS SINCE

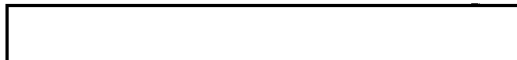


25X1

MALDONADO SAM SITE 2012N 07528W

SIX REVETTED LAUNCHERS, ONE MISSILE TRANSPORTER, A CANVAS-COVERED HOLD AREA, 12 CANVAS-COVERED PROBABLE TRACKED PRIME MOVERS, AND A GUIDANCE REVETMENT WITH RADAR AND CANVAS-COVERED EQUIPMENT OBSERVED. NO APPARENT CHANGE IN FACILITIES.

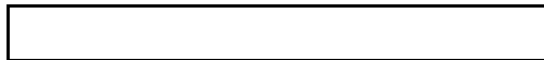
25X1



CAMAGUEY AIRFIELD SAM SITE 2122N 07750W

SIX UNRETTED CANVAS-COVERED LAUNCHERS, 7 MISSILE TRANSPORTERS (5 CANVAS-COVERED), 8 CANVAS-COVERED TRACKED PRIME MOVERS, 6 TRUCK-TRACTORS, 8 NET-COVERED CARGO TRUCKS, AT LEAST 5 VAN TRUCKS, 5 OTHER VEHICLES, 2 VAN TRAILERS, AND A GUIDANCE AREA WITH RADAR, 3 VAN TRAILERS, AND CANVAS-COVERED EQUIPMENT OBSERVED. TWO ADDITIONAL LAUNCHERS, 5 VAN TRUCKS, 2 VAN TRAILERS, AND ONE UNIDENTIFIED VEHICLE OR PIECE OF EQUIPMENT OBSERVED OUTSIDE RING ROAD. NO APPARENT CHANGE IN FACILITIES.

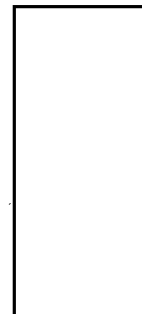
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HOLGUIN SAM SITE 2052N 07627W

AT LEAST 3 UNRETTED LAUNCHERS (2 CANVAS-COVERED), 7 MISSILE TRANSPORTERS (4 CANVAS-COVERED), 15 TRACKED PRIME MOVERS (5 CANVAS-COVERED), 7 CARGO TRUCKS, 2 UTILITY TRUCKS, 3 VAN TRAILERS, 5 UNIDENTIFIED VEHICLES OR PIECES OF EQUIPMENT, AND A GUIDANCE AREA WITH RADAR AND CANVAS-COVERED EQUIPMENT OBSERVED. NO APPARENT CHANGE IN FACILITIES. INCOMPLETE COVERAGE DUE TO GAP IN PHOTOGRAPHY.

25X1



25X1



25X1



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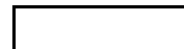
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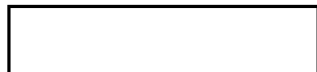
SANTA CLARA SAM SITE 2229N 08000W



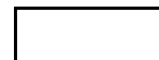
25X1

SIX UNRETTED LAUNCHERS (2 WITH MISSILES AND 2 CANVAS-COVERED), ONE CANVAS-COVERED MISSILE TRANSPORTER ADJACENT TO A LAUNCHER, ONE PROBABLE MISSILE TRANSPORTER, ONE CANVAS-COVERED HOLD AREA, 9 TRACKED PRIME MOVERS (4 CANVAS-COVERED), 9 CARGO TRUCKS, 3 VAN TRAILERS, 9 UNIDENTIFIED VEHICLES OR PIECES OF EQUIPMENT, AND A GUIDANCE AREA WITH RADAR AND CANVAS-COVERED EQUIPMENT OBSERVED. FACILITIES INCLUDE 6 LARGE NON-SOVIET TENTS, 2 MEDIUM TENTS (ONE NON-SOVIET), AND ONE SMALL TENT.

25X1



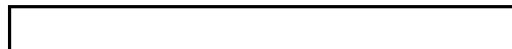
PRESTON SAM SITE 2044N 07538W



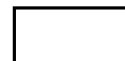
25X1

SIX RETTTED LAUNCHERS, 3 MISSILE TRANSPORTERS, 12 PROBABLE TRACKED PRIME MOVERS, 9 OTHER VEHICLES OR PIECES OF EQUIPMENT, AND A GUIDANCE RETTMENT WITH RADAR AND 6 VAN TRAILERS OBSERVED. FACILITIES INCLUDE 4 BARRACKS, 8 SUPPORT BUILDINGS, 8 LARGE NON-SOVIET TENTS, ONE CANVAS-COVERED EQUIPMENT AREA, ONE LARGE EQUIPMENT RETTMENT, AND A SOCCER FIELD.

25X1



MAYARI ARriba CRUISE-MISSILE ACTIVITY 2027N 07531W



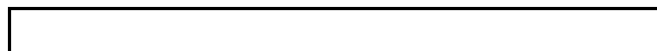
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NO APPARENT CHANGE



25X1

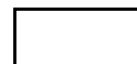
25X1



25X1

AIR FACILITIES

CAMILO CIENFUEGOS AIRFIELD 2229N 07955W



AIRCRAFT -- 12 FAGOT/FRESCO, ONE LIAISON, 8 HOUND, AND 2 HARE.

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25X1



CAMAGUEY INTERNATIONAL AIRFIELD 2125N 07750W

NO AIRCRAFT OBSERVED IN CLOUD-FREE AREAS.

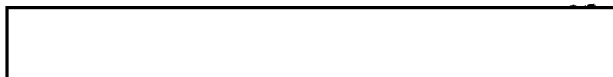
25X1



HOLGUIN AIRFIELD 2047N 07618W

AIRCRAFT -- 14 FAGOT/FRESCO AND 8 HOUND.

25X1



ANTONIO MACED AIRFIELD 1958N 07550W

AIRCRAFT -- ONE COOT, ONE CRATE, ONE C-47, ONE LIAISON, AND ONE HOUND.

25X1



BAYAMO AIRFIELD EAST 2022N 07637W

AIRCRAFT -- 5 COLT.

25X1



NAVAL ACTIVITY/PORTS

SIGUANEA NAVAL BASE 2136N 08258W

FOUR UNIDENTIFIED VESSELS OBSERVED.

25X1



BANES NAVAL BASE 2055N 07542W

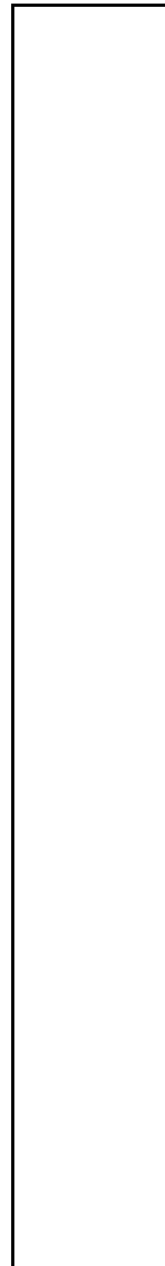
VESSELS -- ONE POSSIBLE KRONSTADT-CLASS PC AND 3 POSSIBLE YP.

AT LEAST 4 OF THE UNIDENTIFIED CRATES REMAIN.

25X1



25X1



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CIENFUEGOS NAVAL BASE 2208N 08027W

VESSELS -- 2 KRONSTADT-CLASS PC, ONE PCE, 6 P-6 MTB,
AND 3 LARGE FREIGHTERS.

25X1

25X1

SANTIAGO DE CUBA NAVAL BASE AND PORT 2001N 07550W

VESSELS -- 4 LARGE FREIGHTERS, ONE LARGE TANKER, AND
3 COASTAL FREIGHTERS (ONE ENTERING HARBOR).

25X1

25X1

NUEVITAS PORT 2132N 07715W

VESSELS -- ONE LARGE FREIGHTER AND 2 OTHER LARGE
VESSELS OBSERVED IN CLOUD-FREE AREAS.

25X1

25X1

CAIBARIEN PORT 2231N 07928W

VESSELS -- 2 LARGE FREIGHTERS ANCHORED NW OF CAYO
FRANCES.

25X1

CASILDA PORT 2145N 07959W

NO LARGE VESSELS OBSERVED IN CLOUD-FREE AREAS.

25X1

JUCARO PORT 2137N 07851W

VESSELS -- ONE LARGE FREIGHTER ANCHORED SOUTH OF PORT.

25X1

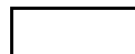
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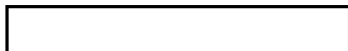
MILITARY ACTIVITY

GUANTANAMO AREA 2018N 07525W



25X1

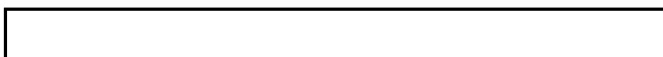
NO NEW MILITARY ACTIVITY OBSERVED IN CLOUD-FREE AREAS.



25X1

MANZANILLO MILITARY CAMP 2017N 07707W

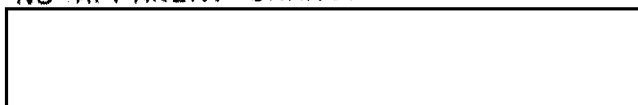
NO APPARENT CHANGE IN FACILITIES.
TWENTY TANKS/SP GUNS, AT LEAST 15 OTHER VEHICLES,
AND 10 CARGO TRAILERS OBSERVED.



25X1

HOLGUIN MILITARY CAMP 2053N 07613W

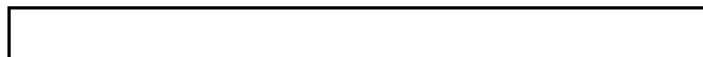
NO APPARENT CHANGE IN CLOUD-FREE AREAS SINCE



25X1

OFELIA MILITARY CAMP 2006N 07530W

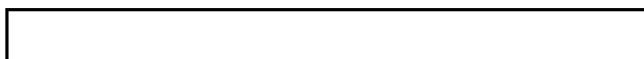
THIRTY-ONE TANKS/SP GUNS, 50 OTHER VEHICLES, 18 FA
PIECES, AND 18 MORTARS OBSERVED IN CLOUD-FREE AREAS.



25X1

REMEDIOS MILITARY AREA 2227N 07935W

MAIN CAMP -- AN EXTENSION, APPROXIMATELY 35 FT LONG,
IS NOW BEING ADDED TO A NINTH BARRACKS. NO OTHER
CHANGES IN FACILITIES OBSERVED. SIX BRDM APC,
30 CARGO TRUCKS, 3 VAN TRUCKS, 9 UTILITY TRUCKS,
4 OTHER VEHICLES, AND 5 CARGO TRAILERS OBSERVED IN
CLOUD-FREE AREAS.



25X1



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ALTO CEDRO MILITARY CAMP 2029N 07600W



25X1

AREA 1 -- 19 CARGO TRUCKS.
AREA 2 -- 7 CARGO TRUCKS.
AREA 3 -- 20 CARGO TRUCKS AND 10 FA PIECES.
AREA 4 -- 18 CARGO TRUCKS AND 18 FA PIECES.
AREA 5 -- AT LEAST 15 UNIDENTIFIED VEHICLES.
AREA 6 -- 18 UNIDENTIFIED VEHICLES.
AREAS 7, 8, AND 9 -- IDENTIFICATION ONLY.
AREA 10 -- CLOUD COVERED.

25X1



SANTA CLARA AREA MILITARY ACTIVITY 2220N 07957W



25X1

NO APPARENT CHANGE IN FACILITIES.
TWENTY-TWO TANKS/SP GUNS AND 4 CARGO TRUCKS OBSERVED.

25X1



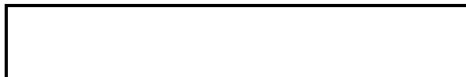
EL CRISTO MILITARY INSTALLATION 2008N 07547W



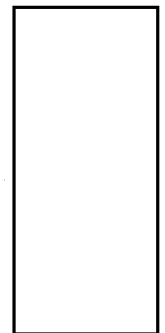
25X1

MAIN CAMP -- NO APPARENT CHANGE IN FACILITIES.
TWELVE UNIDENTIFIED TRACKED VEHICLES, 23 CARGO TRUCKS,
2 VAN TRUCKS, AND 6 FA PIECES.
CAMP 1.6 NM NE -- AT LEAST 25 VEHICLES.

25X1



MATAGUA MILITARY CAMP 2215N 08002W



25X1

NO APPARENT CHANGE IN FACILITIES.
TWO UNIDENTIFIED VEHICLES OBSERVED.

25X1



JURAGUA MILITARY ACTIVITY 2209N 08035W

NO APPARENT CHANGE IN FACILITIES.
FOURTEEN CARGO TRUCKS AND 16 FA PIECES OBSERVED.

25X1



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HOLGUIN MILITARY CAMP NW 2057N 07616W

AT LEAST 19 TANKS/SP GUNS OBSERVED IN CLOUD-FREE
AREAS.

25X1

25X1

ALTAGRACIA MILITARY AREA 2123N 07742W

NO APPARENT CHANGE IN FACILITIES.
FIFTEEN TANKS/SP GUNS OBSERVED.

25X1

ANTON RECIO MILITARY INSTALLATION 2211N 08036W

TWENTY-ONE TANKS/SP GUNS AND 3 CARGO TRUCKS OBSERVED.
THE 6-GUN AAA SITE IS OCCUPIED. SIX CARGO TRUCKS
REMAIN ADJACENT TO SITE.

25X1

SANTA CLARA AREA ARTILLERY TRAINING AREA 2222N 08000W

25X1

AREAS 1-5 -- NO APPARENT CHANGE IN FACILITIES.
AREA 1 -- 12 BRDM APC, 7 PROBABLE CARGO TRUCKS, ONE
VAN TRUCK, AND 3 CARGO TRAILERS.
AREA 2 -- NO VEHICLES OR EQUIPMENT OBSERVED.
AREA 3 -- NO VEHICLES OR EQUIPMENT OBSERVED.
AREA 4 -- 16 CARGO TRUCKS.
AREA 5 -- 22 TANKS/SP GUNS, 3 PROBABLE VAN TRUCKS, AND
APPROXIMATELY 12 OTHER VEHICLES.

25X1

SANTA ISABEL FINCA MILITARY CAMP 2005N 07528W

25X1

MAIN CAMP -- NO APPARENT CHANGE IN FACILITIES.
TWELVE CARGO TRUCKS AND 4 FA PIECES.
AREA ONE NM NORTH -- 10 CARGO TRUCKS AND 11 FA
PIECES.

25X1

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TACAJO MILITARY CAMP 2051N 07558W

25X1

AREAS 1 AND 3 -- IDENTIFICATION ONLY.
AREA 2 -- ABANDONED.
AREAS 4, 7 AND 8 -- CLOUD COVERED.
AREA 5 -- 14 PROBABLE CARGO TRUCKS, 3 OTHER VEHICLES,
AND AN OCCUPIED 6-GUN AAA SITE OBSERVED IN CLOUD-FREE
AREAS.
AREA 6 -- 24 PROBABLE CARGO TRUCKS AND 3 OTHER
VEHICLES OBSERVED IN CLOUD-FREE AREAS.
AREA 9 -- 9 PROBABLE TANKS/SP GUNS OBSERVED IN CLOUD-
FREE AREAS.

25X1

DOS CAMINOS MILITARY TRAINING AREA 2014N 07547W

25X1

NO APPARENT CHANGE IN FACILITIES.
EIGHTEEN TRACKED PRIME MOVERS, 60 CARGO TRUCKS, AND
APPROXIMATELY 60 FA PIECES OBSERVED.

25X1

JAGUA MILITARY AREA 2205N 08029W

NO APPARENT CHANGE IN FACILITIES.
EIGHTEEN CARGO TRUCKS OBSERVED.

25X1

LA VEGUITA MILITARY CAMP 2049N 07615W

NO APPARENT CHANGE IN FACILITIES.
FOURTEEN CARGO TRUCKS, ONE UTILITY TRUCK, AND 11 FA
PIECES OBSERVED IN CLOUD-FREE AREAS.

25X1

SANTA CLARA MILITARY CAMP CUBANACAN 2224N 07952W

CUBANACAN -- NO APPARENT CHANGE IN FACILITIES.
TWENTY-THREE CARGO TRUCKS, 4 VAN TRUCKS, 7 UTILITY
TRUCKS, 4 OTHER VEHICLES, AND 3 CARGO TRAILERS.

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AREA 200 YDS NORTH -- NO APPARENT CHANGE.
STORAGE AREA NORTH -- NO APPARENT CHANGE IN
FACILITIES. FOUR UNIDENTIFIED VEHICLES.
ESCUELA TECNOLOGICA -- 3 CARGO TRUCKS.

25X1



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-STATUS OF OTHER TARGETS OBSERVED-

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE
SINCE LAST COVERAGE--

SANTIAGO DE CUBA CRUISE-MISSILE STORAGE	2004N 07551W
LOS CANOS AIRFIELD	2005N 07509W
SIGUANEA AIRFIELD	2138N 08257W
COLONEL MARTIN MARRERRO AIRFIELD	2150N 08246W
JAIME GONZALES AIRFIELD	2209N 08024W
TRINIDAD AIRFIELD	2147N 07959W
BARACOA PORT	2021N 07430W
NUEVA GERONA PORT	2153N 08248W
PUERTO PADRE PORT	2113N 07632W
LA JUTIA MILITARY INSTALLATION	2154N 08015W
TRINIDAD AREA POSS MIL HEADQUARTERS	2150N 07953W
BARAJAGUA STORAGE DEPOT	2208N 08004W
SIBONEY LANDING BEACH	1957N 07542W
PLAYA YATERITAS LANDING BEACH	1958N 07457W
CIENFUEGOS LANDING BEACH	2202N 08036W
MAR VERDE LANDING BEACH	1957N 07557W
ENSENADA COLORADO LANDING BEACH	2202N 08025W
PLAYA COLOMBO LANDING BEACH	2154N 08246W
PLAYA DE FLAMENCOS LANDING BEACH	2153N 08243W
NICARAO LANDING BEACH	2042N 07533W

25X1

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT
NOT INTERPRETED--

SAGUA LA GRANDE MRBM SITE 2	2239N 07951W
SIGUANEA SAM SITE	2137N 08257W
CIFUENTES SAM ASSEMBLY AREA	2236N 08005W
NUEVITAS SAM SITE 2	2132N 07717W
SIGUANEA CRUISE-MISSILE SITE	2137N 08258W
PINAR DEL RIO AIRFIELD	2225N 08340W
CAMAGUEY MILITARY CAMP COUNTRY CLUB	2121N 07751W
CAMAGUEY MILITARY CAMP	2126N 07753W

SANTA FE MILITARY CAMP LUMUMBA	2142N 08249W
MACAGUA MILITARY CAMP	2050N 07610W
CAMAGUEY MILITARY INSTALLATION	2117N 07800W
SANTA FE MILITARY AREA	2144N 08247W
MANICARAGUA STORAGE AREA	2206N 07958W

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